

PATENT
Atty. Dkt. No. ROC920010084US1
MPS Ref. No.: IBMK10084

IN THE CLAIMS:

Please cancel claims 29-30, 35-37, and 40-41 and amend the claims as follows:

1-7. (Cancelled)

8. (Previously Presented) A method of processing a telephone call at a communication processing system, wherein the telephone call is made from a telecommunications device by a user using a telephone calling card, comprising:

processing an identification number associated with the telephone calling card;

receiving a command from the telecommunications device;

in response to the command, configuring a calling card option to dial a stored number in a data structure containing a plurality of stored numbers associated with the user; and

storing the calling card option for use by the communication processing system during a subsequent telephone call initiated by the user.

receiving, from the telecommunications device, during a subsequent telephone call, a search value associated with the stored number, wherein the search value comprises a name;

in response to receiving the search value, accessing the data structure containing the plurality of stored numbers associated with the user, wherein accessing the data structure comprises searching one or more address books for the search value;

identifying the stored number to be dialed corresponding to the search value; and
causing the stored number to be dialed.

9-10. (Cancelled)

11. (Currently Amended) A method for processing a telephone call at a communication processing system, wherein the telephone call is made from a

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telecommunications device by a user using a telephone calling card, the method, comprising:

(a) performing a configuration operation during a first network connection between the communication processing system and the telecommunications device operated by the user, the configuration operation comprising:

processing a telephone calling card identification number received from the telecommunications device; and

receiving a user selection representing a specific number of digits to be entered in order to initiate redialing of a corresponding previously dialed telephone number, wherein the specific number of digits is limited to some number of the last digits of the corresponding previously dialed telephone number, whereby a user-defined calling card redialing function is configured for the calling card identification number; and

(b) performing a redialing operation during a second network connection between the communication processing system and the telecommunications device operated by the user, the second network connection being subsequent to the first network connection, the redialing operation comprising:

processing [[a]] the telephone calling card identification number received from the telecommunications device;

enabling ~~at least one~~ the user-defined calling card redialing function using the identification number, wherein the user-defined calling card function was configured during a previous network connection between the network connection facility and a telephony device operated by the user;

receiving, from the telecommunications device, ~~a command configured to invoke the at least one user-defined calling card function~~ one or more user-input digits; and

responsive to receiving one or more user-input digits equal to the specific number of digits, executing the at least one user-defined calling card function, wherein executing the at least one user-defined calling card function comprises:

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performing a number lookup to determine which one of a plurality of previously dialed numbers corresponds to the one or more user-input digits; and

automatically redialing the one of a plurality of corresponding previously dialed numbers stored in a dialed numbers data structure without requiring user input of all digits of the one corresponding previously dialed number.

12. (Previously Presented) The method of claim 11, wherein the command comprises user input of less than all digits of the number to be redialed.

13-30. (Cancelled)

31. (Currently Amended) The method of claim ~~[[30]]~~ 11, wherein the at least one user-defined calling card function further comprises a name lookup function, and further comprising:

receiving another command configured to invoke the lookup function, the command comprising a user name; and

in response to receiving the other command, accessing a directory containing a plurality of telephone numbers and a respective name for each of the plurality of telephone numbers in order to identify a number corresponding to the user name; and

after identifying the number corresponding to the user name, causing the number to be dialed.

32. (Currently Amended) The method of claim ~~[[30]]~~ 11, wherein performing the number lookup to determine the one previously dialed number is prompted by an expiration of a predefined delay period initiated after receiving a last digit of the ~~[[N]]~~ user-input digits.

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33. (Previously Presented) The method of claim 32, wherein the predefined delay period is associated with the telephone calling card and is defined by the user of the telephone calling card.

34. (Previously Presented) The method of claim 11, wherein redialing one of the plurality of previously dialed numbers stored in the dialed numbers data structure comprises:

receiving, from the telecommunications device, a command containing a user-input number N; and

dialing an Nth previously dialed number stored in the dialed numbers data structure.

35-37. (Cancelled)

38. (Currently Amended) A communication processing system configured to process a telephone call at the communication processing system, wherein the telephone call is made from a telecommunications device by a user using a telephone calling card, the communication processing system, comprising: a computer comprising a network connection facility to communicate with the telecommunications device, and a processor configured to perform an operation during a network connection with the telecommunications device, the operation comprising:

performing a configuration operation during a first network connection between the communication processing system and the telecommunications device operated by the user, the configuration operation comprising:

processing a telephone calling card identification number received from the telecommunications device; and

receiving a user selection representing a specific number of digits to be entered in order to initiate redialing of a corresponding previously dialed telephone number, wherein the specific number of digits is limited to some number of the last digits of the corresponding previously dialed telephone

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number, whereby a user-defined calling card redialing function is configured for the calling card identification number; and
performing a redialing operation during a second network connection between the communication processing system and the telecommunications device operated by the user, the second network connection being subsequent to the first network connection, the redialing operation comprising:

processing ~~[[a]]~~ the telephone calling card identification number received from the telecommunications device;

enabling ~~at least one~~ the user-defined calling card redialing function using the Identification number, ~~wherein the user defined calling card function was configured during a previous network connection between the network connection facility and a telephony device operated by the user;~~

receiving, from the telecommunications device, ~~a command configured to invoke the at least one user-defined calling card function~~ one or more user-input digits; and

responsive to receiving one or more user-input digits equal to the specific number of digits, executing the at least one user-defined calling card function, wherein executing the at least one user-defined calling card function comprises:

performing a number lookup to determine which one of a plurality of previously dialed numbers corresponds to the one or more user-input digits; and

automatically redialing the one of a plurality of corresponding previously dialed numbers stored in a dialed numbers data structure without requiring user input of all digits of the one corresponding previously dialed number.

39. (Previously Presented) The communication processing system of claim 38, wherein the command comprises user input of less than all digits of the number to be redialed.

40-41. (Cancelled)

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42. (Currently Amended) The communication processing system of claim [[41]] 38, wherein the at least one user-defined calling card function further comprises a name lookup function, and the operation further comprises:

receiving another command configured to invoke the lookup function, the command comprising a user name; and

in response to receiving the other command, accessing a directory containing a plurality of telephone numbers and a respective name for each of the plurality of telephone numbers in order to identify a number corresponding to the user name; and

after identifying the number corresponding to the user name, causing the number to be dialed.

43. (Currently Amended) The communication processing system of claim [[41]] 38, wherein performing the number lookup to determine the one previously dialed number is prompted by an expiration of a predefined delay period initiated after receiving a last digit of the [[N]] user-input digits.

44. (Previously Presented) The communication processing system of claim 43, wherein the predefined delay period is associated with the telephone calling card and is defined by the user of the telephone calling card.

45. (Previously Presented) The communication processing system of claim 38, wherein redialing one of the plurality of previously dialed numbers stored in the dialed numbers data structure comprises:

receiving, from the telecommunications device, a command containing a user-input number N; and

dialing an Nth previously dialed number stored in the dialed numbers data structure.

Please add the following new claims:

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46. (New) A method of processing a telephone call at a communication processing system, wherein the telephone call is made from a telecommunications device by a user using a telephone calling card, comprising:

processing an identification number associated with the telephone calling card;

enabling a first user-defined calling card function using the identification number, wherein the first user-defined calling card function was configured during a previous network connection between the network connection facility and a telephony device operated by the user;

receiving, from the telecommunications device, a first command configured to invoke the first user-defined calling card function;

executing the first user-defined calling card function, wherein executing the first user-defined calling card function comprises redialing one of a plurality of previously dialed numbers stored in a dialed numbers data structure;

enabling a second user-defined calling card function using the identification number, wherein the second user-defined calling card function was configured during the previous network connection between the network connection facility and the telephony device operated by the user;

receiving, from the telecommunications device, a second command configured to invoke the second user-defined calling card function;

executing the second user-defined calling card function, wherein executing the second user-defined calling card function comprises:

receiving, from the telecommunications device, a search value associated with the stored number, wherein the search value comprises a name;

in response to receiving the search value, accessing a data structure containing a plurality of stored numbers associated with the user, wherein accessing the data structure comprises searching one or more address books for the search value;

identifying the stored number to be dialed corresponding to the search value; and

causing the stored number to be dialed.